

## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application, as follows:

### Listing of Claims:

1 (currently amended). A television switch module ~~for switching~~ that switches output lines of television high frequency signals, comprising:

first and second input lines ~~for respectively inputting~~ that respectively input television high frequency signals;

first and second output lines ~~for outputting~~ that output signals which are the signals after being amplified;

first and second amplifiers inserted in the respective input lines for respectively amplifying input signals;

a branching unit disposed in at least one line at an input or an output of the first or the second amplifier for branching the input line;

a relay switch disposed in a further line different from the one line with the branching unit ~~for switching~~ that switches either to the one line with the branching unit or to the further line branched by the branching unit;

a relay switch control unit ~~means for operation to switch~~ that switches the relay switch based on an operation from outside; and

a power supply ~~control means for controlling~~ controller that controls a power supply to the respective amplifiers, and ~~for stopping~~ stops the power supply to an amplifier inserted in an unused input line, wherein the branching unit is disposed at each of the outputs of the first and second amplifiers inserted in the respective input lines to form two units, the relay switch is disposed in each of the lines to form a first relay switch and a second relay switch, and each of the relay switches has relay switch contacts, to which one branch line by the branching unit disposed in one line and one branch line by the branching unit disposed in the other line are respectively connected, and also has a relay common contact, the common contact being connected to each of the

output lines, the power supply to the first and second amplifiers being provided from the output lines by way of the contacts of the relay switches, and an active current stabilizing circuit being added to an amplifier output transistor of the amplifier, wherein the amplifier comprises:

a grounded-emitter signal amplifying transistor having a base, to which a signal is input, and a collector connected to a power supply  $V_{cc}$  through a load resistance, the collector being a signal output terminal; and

the current stabilizing circuit is added between the collector and the base of the transistor, to keep constant a current flowing through the load resistance so as to keep constant a collector voltage  $V_c$  of the transistor, and

wherein the current stabilizing circuit is formed of a unit of at least two transistors, and has a circuit configuration which works to cause a reference voltage for the current stabilizing circuit, as obtained by a resistance voltage division of the power supply  $V_{cc}$ , to be equal to the collector voltage  $V_c$  of the signal amplifying transistor.

2 (currently amended). The television switch module according to claim [[1]] 8, wherein:

the branching unit is disposed at each of the outputs of the first and second amplifiers inserted in the respective input lines to form two units;

the relay switch is disposed in each of the lines to form a first relay switch and a second relay switch; and

each of the relay switches has relay switch contacts, to which one branch line by the branching unit disposed in one line and one branch line by the branching unit disposed in the other line are respectively connected, and also has a relay common contact, in which this common contact is connected to each of the output lines.

3 (currently amended). The television switch module according to claim [[2]] 1, wherein:

the power supply to the first and second amplifiers is provided through a power supply line; and

the power supply ~~control means~~ controller comprises a power supply switch ~~for turning that turns~~ the power supply line on and off, and a power supply control signal line ~~for transferring that transfers~~ an on/off control signal to control and turn the power supply switch on and off.

4 (original). The television switch module according to claim 2, wherein an active current stabilizing circuit is added to an amplifier output transistor of the amplifier.

5 (original). The television switch module according to claim 2, wherein the power supply to the first and second amplifiers is provided from the output lines by way of the contacts of the relay switches.

6 (original). The television switch module according to claim 5, wherein an active current stabilizing circuit is added to an amplifier output transistor of the amplifier.

7 (currently amended). The television switch module according to claim 6, wherein the amplifier comprises:

a grounded-emitter signal amplifying transistor having a base, to which a signal is input, and a collector ~~which is~~ connected to a power supply  $V_{cc}$  through a load resistance, the collector being a signal output terminal; and

a current stabilizing circuit, added between the collector and the base of the transistor, ~~for working to keep that keeps~~ constant ~~[[the]]~~ a current flowing through the load resistance so as to keep constant a collector voltage  $V_c$  of the transistor.

8 (currently amended). A [[The]] television switch module according to claim 7 that switches output lines of television high frequency signals, comprising:

first and second input lines that respectively input television high frequency signals;

first and second amplifiers inserted in the respective input lines for respectively amplifying input signals;

first and second output lines that output signals after being amplified;

a branching unit disposed in at least one line at an input or an output of the first or the second amplifier for branching the input line;

a relay switch disposed in a further line different from the one line with the branching unit that switches either to the one line with the branching unit or to the further line branched by the branching unit;

a relay switch control unit that switches the relay switch based on an operation from outside; and

a power supply controller that controls a power supply to the respective first and second amplifiers, and stops the power supply to an amplifier inserted in an unused input line, wherein [[the]] a current stabilizing circuit is formed of a unit of at least two transistors, and has a circuit configuration which works to cause a reference voltage for the current stabilizing circuit, as obtained by resistance voltage division of [[the]] a power supply  $V_{cc}$ , to be equal to [[the]] a collector voltage  $V_c$  of the signal amplifying a transistor associated with the amplifier.

9 (currently amended). The television switch module according to claim [[5]] 1, wherein the power supply to the amplifier is provided by way of an inductance from a line through which a high frequency signal flows.

10 currently amended). A [[The]] television switch module according to claim 1 that switches output lines of television high frequency signals, comprising:

first and second input lines that respectively input television high frequency signals;

first and second amplifiers inserted in the respective input lines for respectively amplifying input signals;

first and second output lines that output signals after being amplified;

a branching unit disposed in at least one line at an input or an output of the first or the second amplifier for branching the input line;

a relay switch disposed in a further line different from the one line with the branching unit that switches either to the one line with the branching unit or to the further line branched by the branching unit;

a relay switch control unit that switches the relay switch based on an operation from outside; and

a power supply controller that controls a power supply to the respective first and second amplifiers, and stops the power supply to an amplifier inserted in an unused input line, wherein:

the branch unit is formed of one unit disposed in the line at the input of the first amplifier;

the relay switch is formed of one switch disposed in the line at the input of the second amplifier, and has relay switch contacts, to which one branch line by the branching unit and the other line are respectively connected, and also has a relay common contact, in which this common contact is connected to the line at the input of the second amplifier;

the power supply ~~control means~~ controller continuously provides the power supply to the first amplifier while providing the power supply to the second amplifier by way of a standby circuit; and

the standby circuit provides the power supply to the second amplifier when a power supply switch of a television ~~[[being]]~~ is turned ON, and stops the power supply during standby in the other time.

11 (original). The television switch module according to claim 10, wherein when a television signal containing character information in its out-of-band region is input to the first input line, the output line of the first amplifier can output the character information even during standby.